GOODWE

Lynx D Series

5.0kWh I High Voltage Battery

GoodWe's Lynx D Series is a high-voltage lithium battery specially designed for residential applications with superior performance. Compatible with GoodWe ET G2 inverters, Lynx D Series comes with GoodWe one-stop-shop solution saving you considerable time and effort. This versatile system serves effectively in scenarios focused on self-consumption and backup power needs. With its sleek and modern design, it seamlessly blends into residential settings. The installation and commissioning have been made quicker and easier than ever with a user-friendly Plug and Play wiring system. Moreover, Lynx D batteries are engineered to support a mix of old and new battery packs, ensuring adaptable expansion and hassle-free replacement options.



Smart Control
· Remote diagnosis and update via inverter
· Auto reboot after undervoltage

Friendly & Thoughtful Design
· Sleek and modern design
· Plug & Play wiring

Superb Safety & Reliability
· Reliable LFP technology with high cycle stability
· IP66 protection for outdoor installation safety

Flexible & Adaptable Applications
· Modular design for parallel connection
· Supports mixing new and old battery packs for flexible expansion

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Technical Data		LX D5.0-10
Usable Energy (kWh)*1		5
Cell Type		LFP ($LiFePO_4$)
Nominal Output Voltage (V)		380
Nominal Voltage (V)*		51.2
Output Voltage (V)**		320 ~ 480
Nominal Power (kW)		3
Max. Charge / Discharge Power (kW)		3
Peak Power (kW)		5KW, 10s
Fault current (A)		1010A, 0.168ms@404.1Vdc
Operating Temperature Range (°C)		Charge: 0 ~ +53; Discharge: -20 ~ +53
Relative Humidity		0 - 95%
Max. Operating Altitude (m)		4000
Communication		CAN
Weight (kg)		52
Dimensions (W × H × D mm)		700 × 380 × 170
Ingress Protection Rating		IP66
Mounting Method		Floor stacked / Wall-mounted
Standard and Certification	Safety	IEC62619, IEC60730, VDE2510-50, CE, CEC
	EMC	CE, RCM
	Transportation	UN38.3
Country of Manufacture		China

*1: Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±3°C for battery system at beginning life. System Usable Energy may vary with different Inverter.
*: Voltage of internal battery module
**: Voltage at the terminals of the LX D5.0-10(after DC-DC conversion
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

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